MITECHNIC

MIBOARD IFP

Quick User Manual

https://www.mitechnic.com

MIBOARD

MiBoard IFP is an interactive touch screen, which uses infrared technology. It replaces projector and traditional interactive whiteboard. It creates smooth and natural writing experience. Our MiBoard IFP integrates with Transcreen, which can cast mobile phones,Ipads, tablets and laptops wirelessly to MiBoard IFP.

Package contents

Note: If the product you purchased is a custom model, please receive the product to confirm whether your configuration meets the requirements,The customized model is not reflected in this manual, but is distinguished on the nameplate of the product.

Standard Package

Interactive whiteboard

Passive Pen

Parts

Controller

Wall Hanger

Touch Cable

HDMI Cable

Power cable

Optional Accessories

Movable Stand

OPS

Pointer

Type-C
full function

Wireless
speakerphone

PTZ Camera

Notes and safety warnings

Simple fault maintenance

Notes and safety warnings

Incorrect use can cause electric shock or fire accidents. To prevent dangerous situations, follow the following instructions when installing and using; to ensure your safety and extend the multimedia interactive all-in-one life, read the following safety precautions carefully.

Lay up

- Do not place the machine in an unstable and easily inclined place.
- Do not place the machine under direct sunlight, near heating objects such as electric heating, or other heat sources and strong light sources.
- Do not place the machine near the radiation-strong equipment.
- Do not place the machine in a wet or liquid splash.
- Do not insert any items into the machine.
- Do not place heavy objects on the machine.

Source

- Please check and ensure that the voltage value of the nameplate on the rear shell matches the main supply voltage value. Unplug the power cord and antenna during a thunderstorm and lightning weather.
- Please unplug the power plug when no one or not in use for a long time.
- Please avoid any physical or mechanical damage to the power cord.
- Please use the special power cord, do not modify and extend the power cord.
- Please check and make sure that the AC power line is connected.

Screen

- Do not use hard or sharp objects instead of writing pens when writing on the screen. For cleaning as required, please unplug the power plug first.
- Wipe the screen with a flexible, dust-free, dry cloth.
- Do not clean this machine with water and spray detergent.
- Do not display the bright screen on the screen for a long time.

Temperature

- Do not place the machine near the electric heater or radiator.
- When the machine is moved from the low temperature area to the high temperature area, in order to fully distribute the condensation in the machine, please place it for a period of time and then power it on.
- Normal operating temperature of the machine is 5-40°C.

Humidity

- Do not expose the machine to rain, wet or near the water.
- Please ensure that the room is dry and ventilated.
- The normal working humidity of the machine is: (20% RH-80% RH);
  atmospheric pressure: (86 kPa-106 kPa)
- Why does the fog often appear on the screen?
- In order to ensure the safety of the screen, outside the screen of a toughened glass, and in order to ensure cooling, there must be a certain gap between the two, this is used for reserved airway for air convection, the main cause of the fog is the screen temperature and the outside temperature, hot air meet low temperature glass surface condensation to produce water mist, water mist does not affect the normal use general boot use hours after the fog will slowly evaporate disappear.

Source

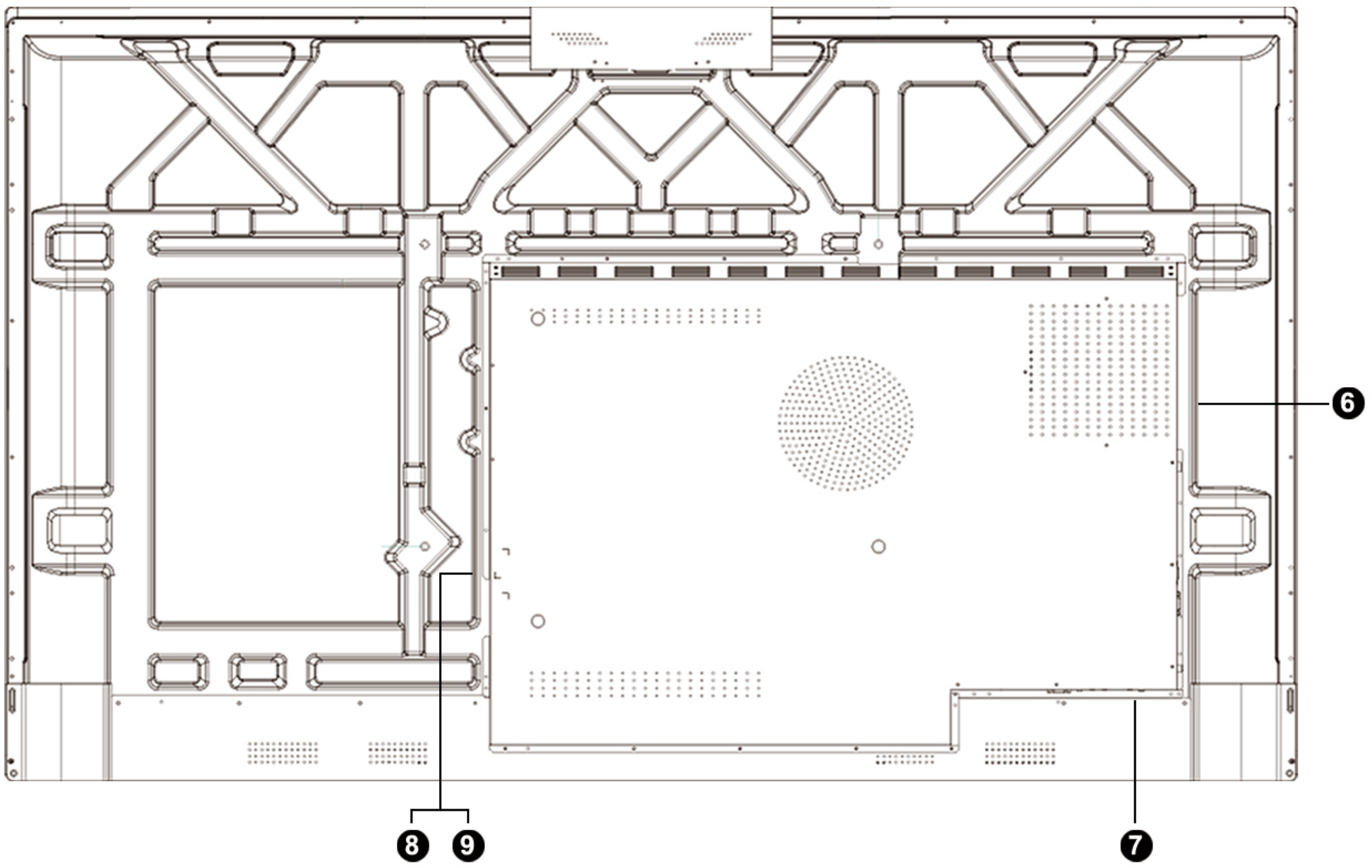
- Please place the machine in a ventilated place to ensure that the machine radiates heat well.
- Ensure the machine left and behind 10 cm, the top of 20 cm above the space ventilation.
- Vlation holes do not cover items such as newspapers, tablecloth and curtains.
- Do not insert any foreign matter into the machine through the vent hole or opening. There is high voltage inside the machine, and the foreign body will cause electric shock or short circuit of internal parts.

Overview

Front View

❶	Front Input Interfaces
❷	Front Speakers
❸	Touch Pen Magnetic Area
❹	Front Buttons
❺	Power On/Off Button(Right or Middle of the frame)
❻	OPS(Optional)
❼	Rear I/O Interfaces
❽	Power Supply Plug
❾	Power Switch

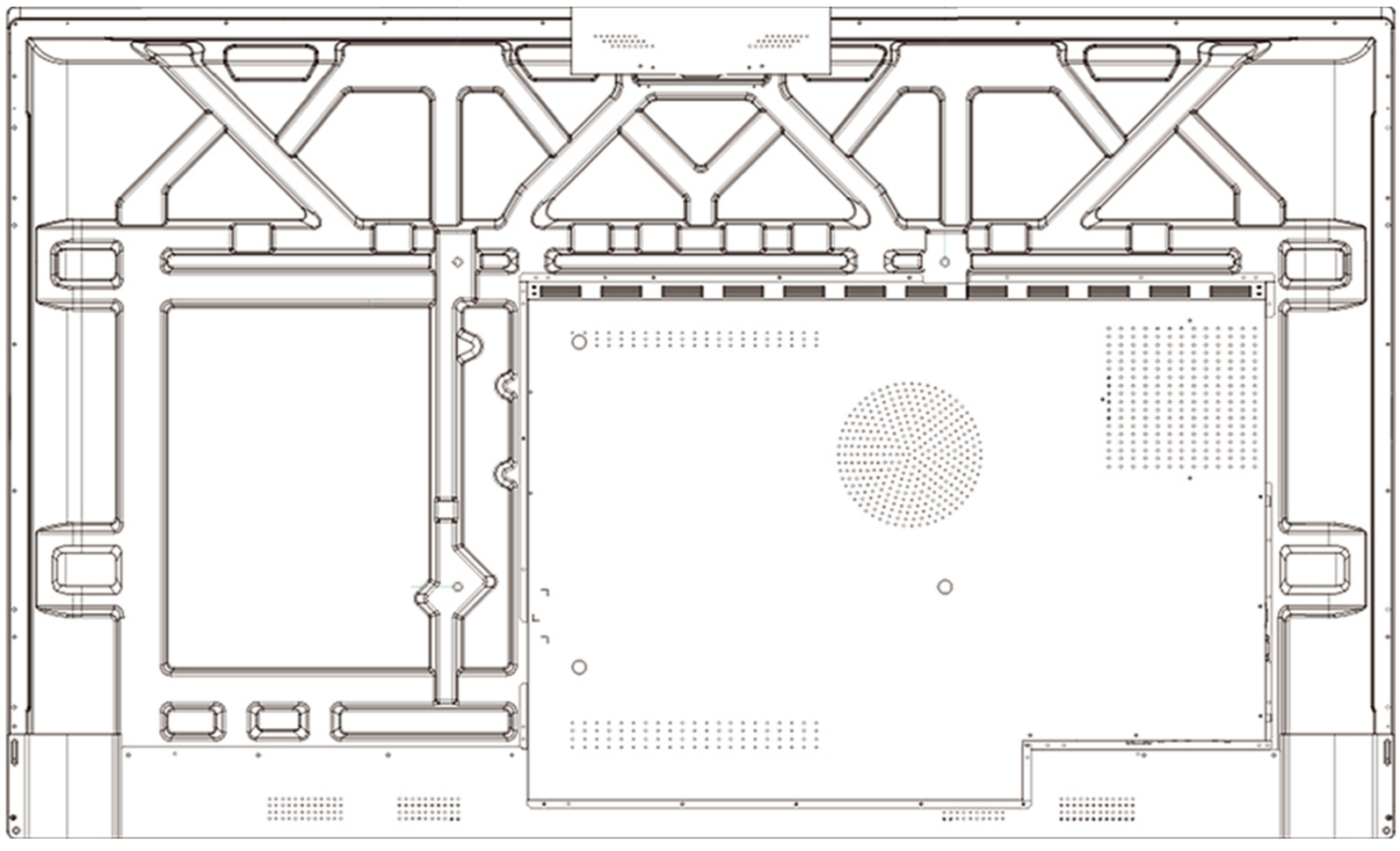
Rear View



Front Interface

Front input interfaces: built in Type-c , USB, HDMI input and Touch port, which is convenient for user to use the product.

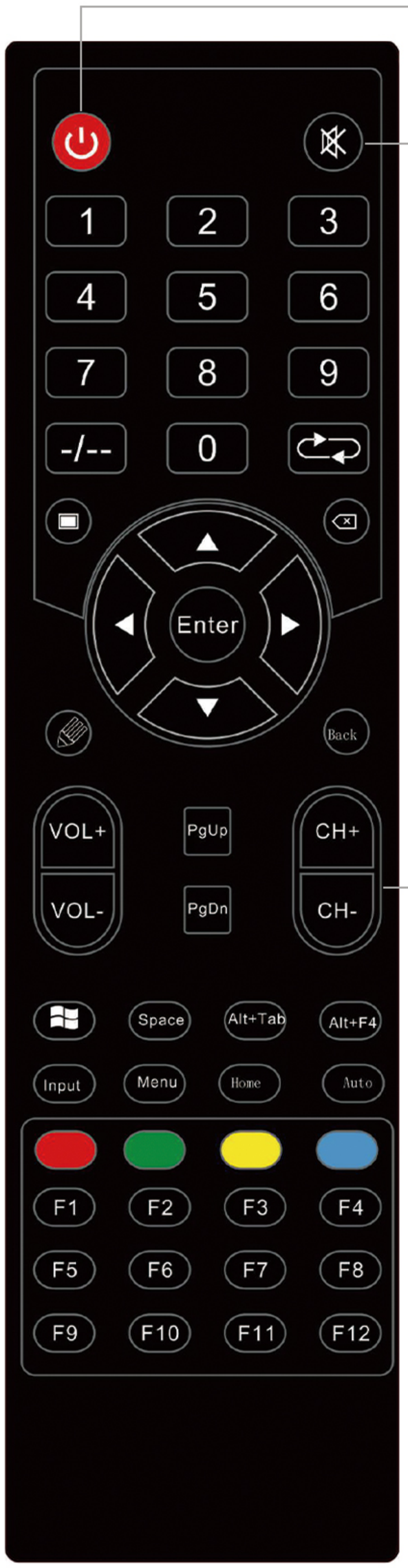
Tips: different motherboard, the front interfaces maybe different, rear I/O interfaces are subject to the actual product.



Rear I/O interfaces: support USB, DP, HDMI, AV, VGA, touch port etc .. , which is convenient for user to use the product.

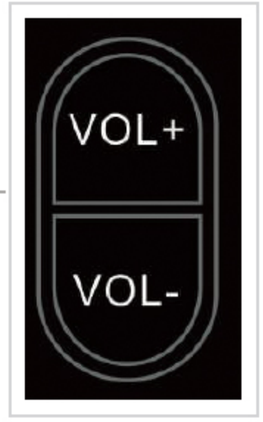
Tips: different motherboard, the rear ports maybe different, rear I/O interfaces are subject to the actual product.

Remote Control



Power On/Off

Mute/Unmute



ChildLock Unlock

press

twice and

twice to unlock the screen

Quick Use Guide

Boot preparation

1

2

3

Cell: AAA 1.5V

4

Power On / Off Button

5

❶ Connect the power cord tail to the power jack on the back of the machine.

❷ Connect the power cord plug to the power supply.

❸ Turn on the power switch on the machine and the indicator light on the front of the machine is red.

❹ Install the battery correctly according to the positive and negative electrode identification of the battery box on the back of the remote control.

❺ Point the remote control at the remote control receiving window of the machine, press the power key of the remote control to start on, and the indicator light shows green.

Note: The built-in computer channel is "built-in computer", either using the Input key on the remote control or through the shortcut icon in the floating ball.

Use preparation

❶ To confirm whether the touch is accurate, use the touch pen to draw and write on the screen of the multimedia interactive all-in-one machine, and observe whether the cursor arrow runs consistent with the paintbrush, which means that the touch is stable and can be used normally;

❷ Click the "whiteboard" icon to open the smart whiteboard;

❸ If you need to copy the data in the mobile U disk, you can insert the U disk into the all-in-one USB port, copy and paste it, and support double-click to open the play;

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Wall hanging installation

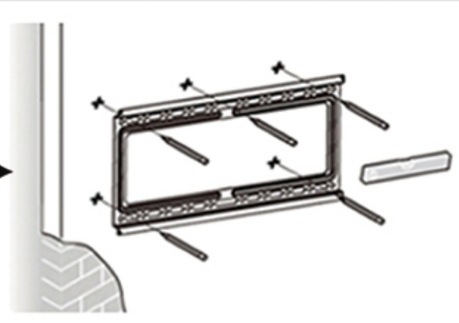
1 Install the bracket to the wall. The load-bearing safety of the wall needs to be considered when constructing on the wall.

Parts

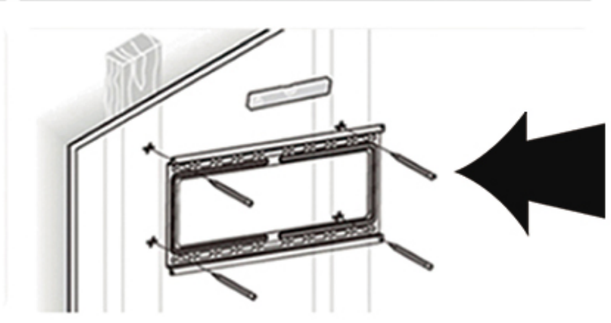
Two installation environments

Concrete	Wood reinforced wall

A/B screw only



Mark the concrete wall and drill holes



Mark and punch holes in the wooden tendons

A screw only

Install the expansion pipe into the drilled hole first Then install the self tapping screw into the expansion tank through the wallboard

Install the self tapping screw directly into the drilled hole through the wall hole

Installation method

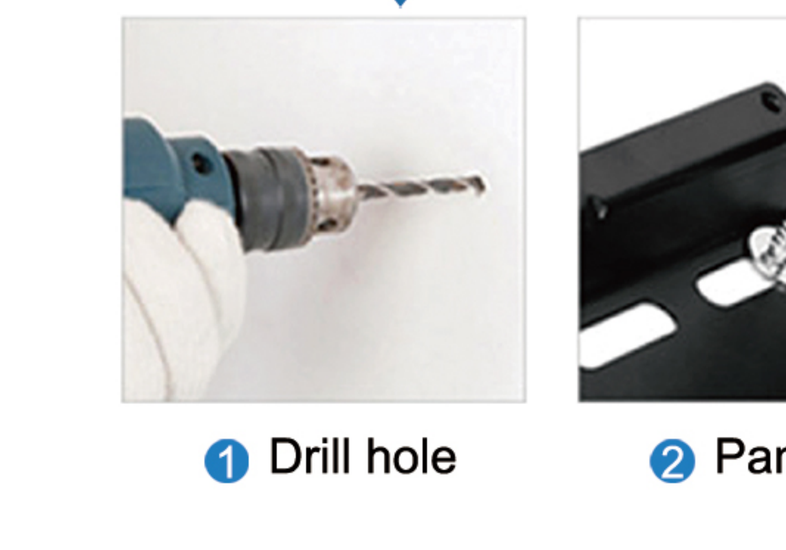
1 Drill hole

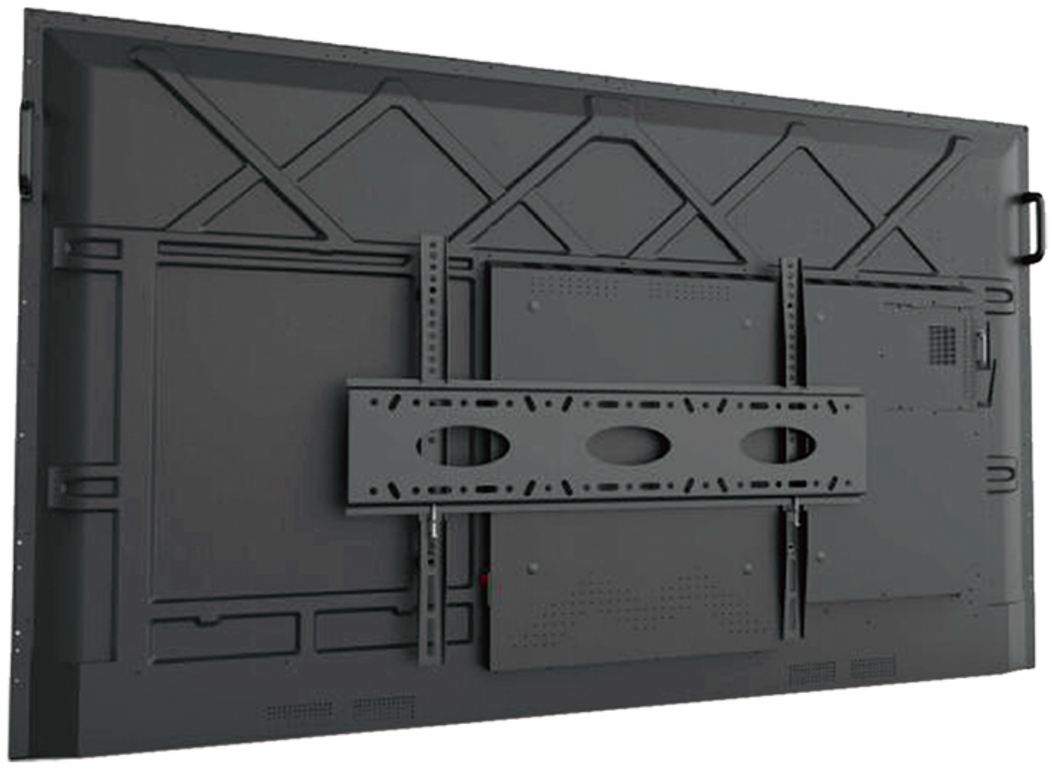
2 Panel fixing

3 Hook fixing

4 Upper wall

Free horizontal movement from left to right



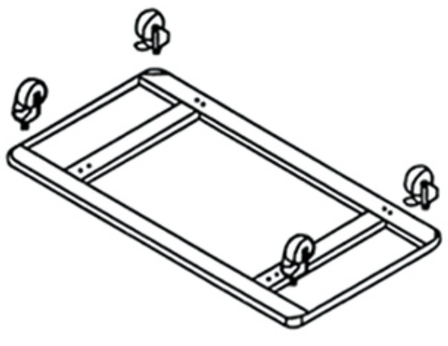


2 Because the surface of the interactive intelligent flat plate is tempered glass, it is easy to produce water mist on the glass surface. Please do not place the machine under the air conditioning. If the water mist is produced, it can be started and dried for a period of time.

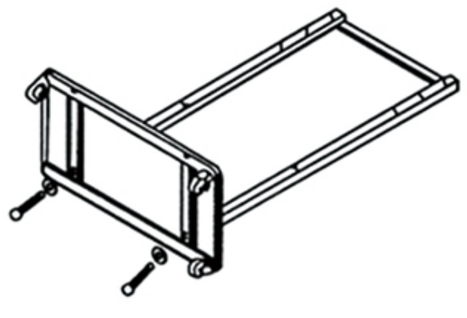
Mobile bracket installation

Note: While moving and parking the machine, note that the moving frame brake is on or off.

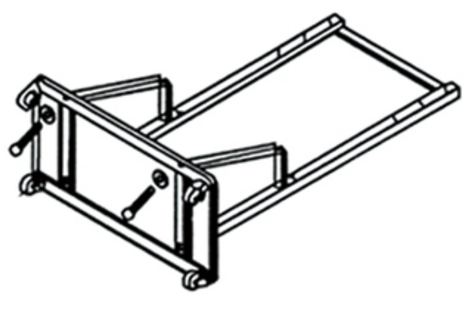
1 Installation of 4 casters on the base.



2 Fix the column with eight M8 * 40 hex socket screws+ washers.

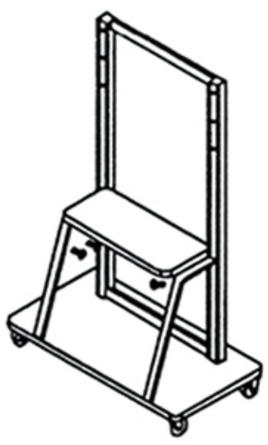


3 Fix the front column with four M8 * 40 hexagonal socket screws.



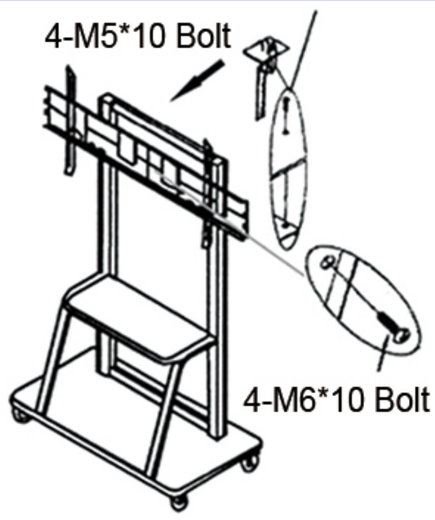
4 Fix the rear column with four M8 * 70 socket head cap screws.

5 Fix the middle tray with four M8 * 70 hex socket screws+ washers+ nuts.

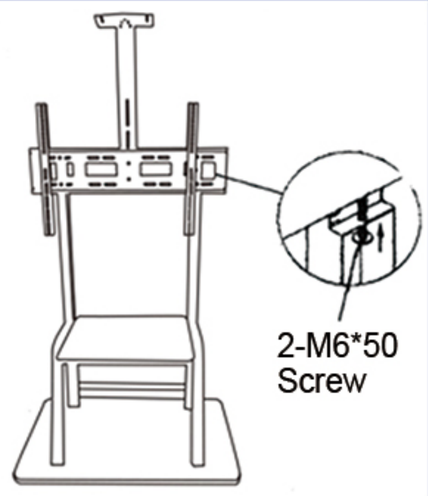


6 Fix the TV hanging plate with four M8 * 70 hexagonal socket screws+ washer + nuts.

7 Use cross screws to install the upper tray accessories together with the TV hanging plate.



8 Lock the safety screw after hanging the TV.



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The OPS PC installation

Install OPS extension PC (OPS was selected at purchase and installed at factory).
OPS compatibility: 42MM / 30MM thickness; the interface is: 80 PIN international standard OPS interface.

Note: When OPS is installed, you need to lock the screw, otherwise it will fall off easily.

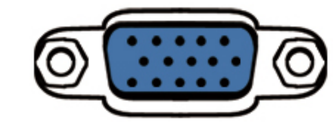
Installation precautions

1. OPS computer is not supported.
2. Push the OPS computer at the OPS mounting slot on the machine, and completely insert the built-in OPS adapter to lock the screw.
3. Due to the interface standard problem, it is recommended that customers use the specified brand when upgrading the OPS configuration.

Connection and equipment

Touch Output

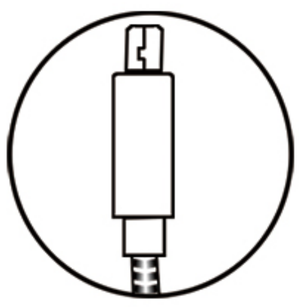
Using VGA or HDMI, USB touch cable, connect the corresponding ports of the external computer and touch machine as shown in the figure below,
Touch function is realized by switching the image of the computer to the channel of VGA or HDMI.

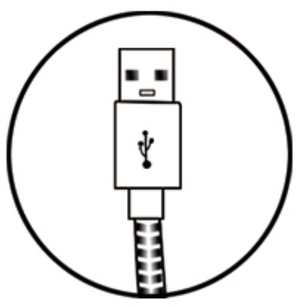


VGA

Touch

USB

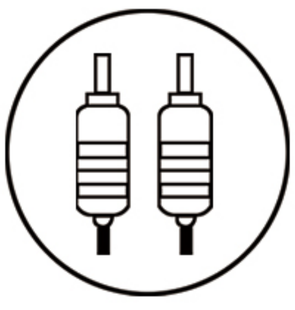




Note: The side Touch port corresponds to the HDMI 1, HDMI 2 and VGA channels, and the front Touch corresponds to the front HDMI channel.

Audio Jack

PC AUDIO IN



Coaxial

(1) Connect the audio equipment with the coaxial output with the coaxial axis;
(2) Play back the audio.

HDMI In

HDMI

Simple fault maintenance

Before preparing for repairs, read the table below to see if you can find the cause of the failure you have encountered. When you are sure that you completely follow this page, so with the guide operation, still cannot resolve the troubles, please contact the product service center for product repair.

system failure

Phenomenon	Rx
No images and no sounds	Check that the power cord is attached to the wall socket. Check that the signal line is properly connected. Check whether the power switch of the external device is turned on Confirm that the machine is not in the standby state.
The picture is normal without sound	Check if the volume is set to the minimum. Check whether to mute the volume. Check that the external audio is properly connected correctly.
No picture or picture in black and white	Check and adjust the color settings. Check and adjust the color system.
Sound and images are disturbed	Try to find the appliance that affects the all-in-one and move it away from it. Try plugging the power plug of the all-in-one in another socket.
The picture is blurred or there isSnowflakes image distortion	Check the signal line connection for loosening. Set up again and the badge tone signal input.
Remote control failure	Check whether the battery of the remote control is exhausted, and replace the battery in time. Check whether the positive and negative electrodes of the remote control battery are installed correctly. Check the position of the remote control signal transmitting window for foreign objects.

Touch the system failure

phenomenon	The cause of the problem	resolvent
The touch-screen has suddenly drifted, The mouse pointer suddenly appears Not in the position of the finger touch point	When the mouse pointer is touched, check for any inadvertent operationSleeves or other items touch the touch screen, these conditions willResuses the mouse pointer not at the finger touch point	Ensure other items in the Works. No simultaneous touch operation has occurred.
Touch no response	There may be some reasons for this phenomenon. The following situations are presented below: (1)Touch signal line (USB line) fails (2)The computer's operating system fails. (3)The USB interface has failed.	(1)Contact the computer maintenance personnel. (2)Contact the product after-sales maintenance center.

Maintenance and maintenance

Equipment maintenance and environmental protection instructions

The importance of maintenance

- Maintenance can prevent small problems from becoming big problems and ensure the safety of the machine.
- Maintenance can make the machine performance to achieve the best, to achieve a longer service life.

Maintenance tools

- Clean and hairy cloth, such as dust-free cloth.
- Cleaning, such as industrial alcohol.

Maintenance measures

- Before the machine off, the power I / 0 switch off, the power cord is removed to ensure the safety of life.
- Dip the cloth in the detergent until semi-dry and not dripping water.
- Wipe the dust on the surface of the screen and the whole frame.
- Wipe 2 to 3 times, it is best to dry the residual detergent with a new clean wipe cloth.
- After the cleaning is completed, The machine moisture natural air dry can be used normally.

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